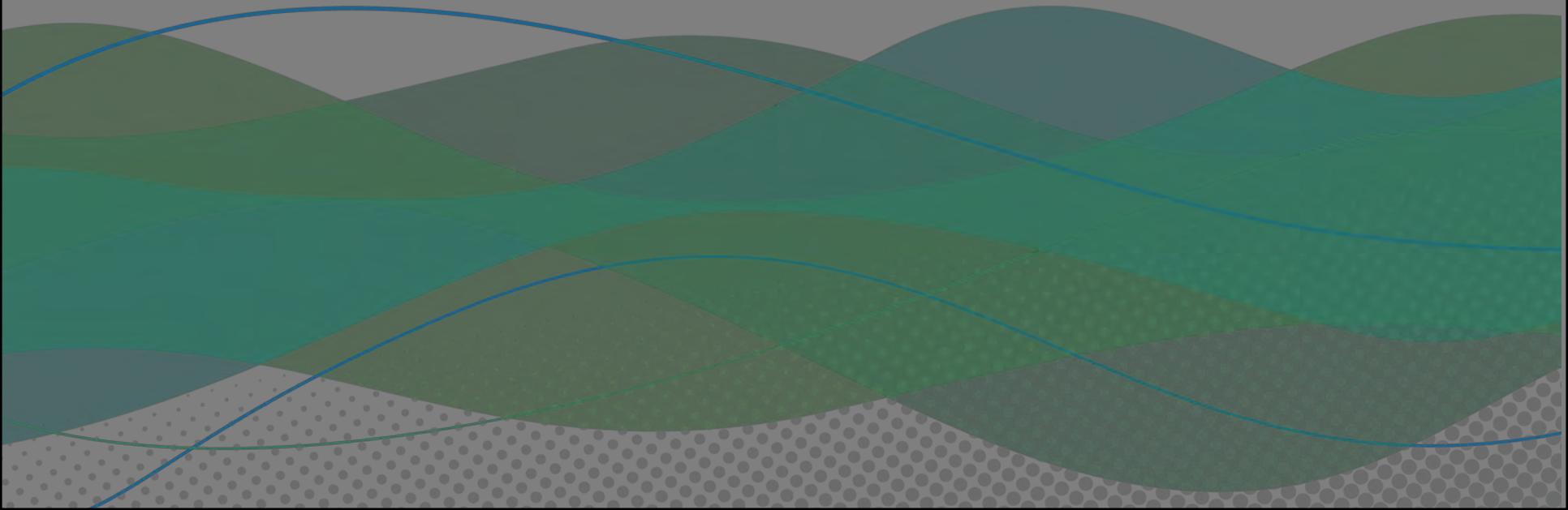


Using GIS to build Smarter Communities in Washington State

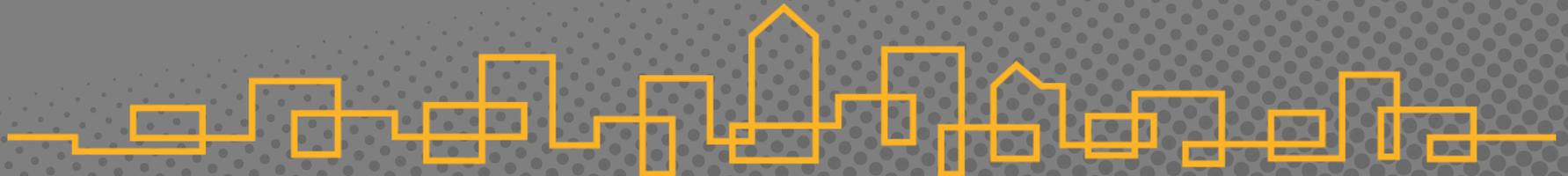
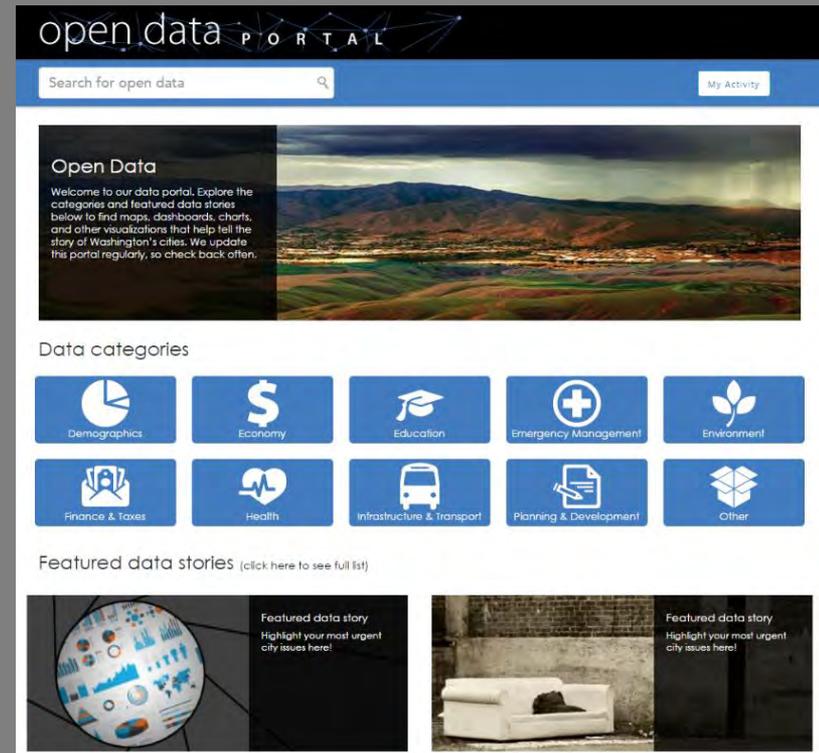
Tyler Vick, FLO Analytics

Andy Meyer, AICP, Association of Washington Cities



Why was the GIS Consortium Created?

- GIS recognized as an important tool
- Cities are struggling with it
- Researched how AWC could support
- Based on existing AWC pooled-service models



A Little About FLO

- Experts in the design, implementation and use of GIS & data analytic solutions
- Located in Portland and Seattle
- Partnered with AWC to create the GIS Consortium in July, 2016

What Does the Consortium Offer?

- Better rates through buying power
- Buy what you need, use how you'd like
- Flexible tiers
- Results based on your needs
- Long-term support
- City and non-city membership

Milestones to Date

- Launched in July 2016
- 25+ GIS needs assessments
- Design your own program
- 14 cities and 2 non-cities signed up so far



Why GIS?

- Do you know where all your assets are?
- Aging workforce
- Getting access to data
- Doing more efficient work
- Responding to public requests



GIS as a Solution

- Capture institutional knowledge
- Improve sharing and collaboration
- Improve your management of assets
- Engage your community
- Increase efficiencies and reduce costs

Building Smarter Communities



GIS for Public Works and Utilities

- Asset inventory/asset management
- Maintain comprehensive water, sewer, and stormwater records
- Capture institutional knowledge
- Data conversion
- Data access
- Improved efficiencies

City Member Details

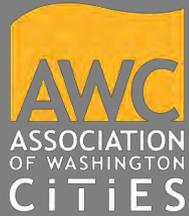
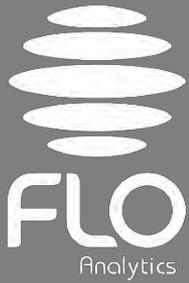
Members can select the service tier that best suits their needs

	FEE	CONSULTING HOURS	NEEDS ASSESSMENT	*ONLINE DATA VIEWER	*OPEN DATA PORTAL
Tier 1	\$2,500	20	●		
Tier 2	\$5,000	45	●	●	
Tier 3	\$10,000	100	●	●	●
Tier 4	\$20,000	220	●	●	●

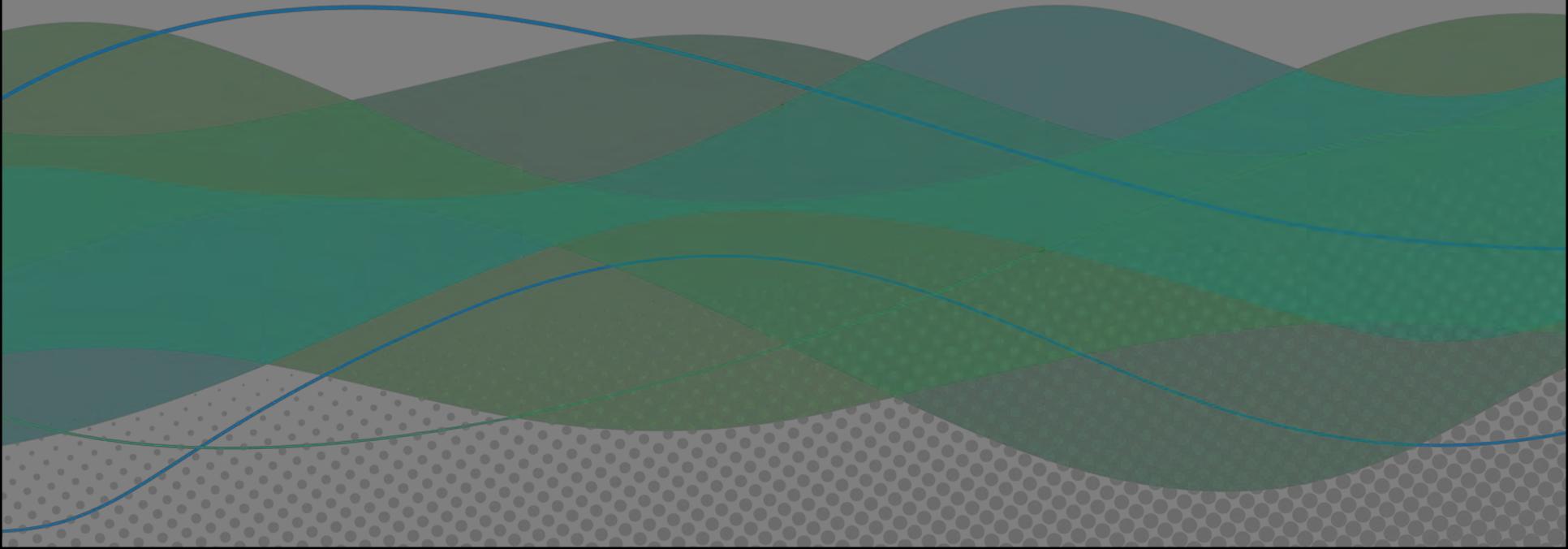
**City must have a pre-existing ArcGIS Online account (included with a standard ESRI subscription).*

FREE 1 year ArcGIS Online account available (\$2,500 value)





Service Examples



GIS Needs Assessments

Needs assessments help us understand the necessary requirements for implementing and optimizing GIS at your organization

Common scenarios:

- Currently not using GIS
- Use of GIS is very limited; need a strategic plan
- Utilizing GIS, but are interested in more advanced development or have special projects in mind

GIS Needs Assessments

Assessment outcomes:



Reporting on what we learned



Identifying priorities



Developing a road map



Developing your to-do list



Outlining costs for implementation

Stormwater Utility Assessment

City of Shelton

- o Accomplish Shelton's conversion goals
- o Integrate with long-term GIS goals
- o Provide access web map application

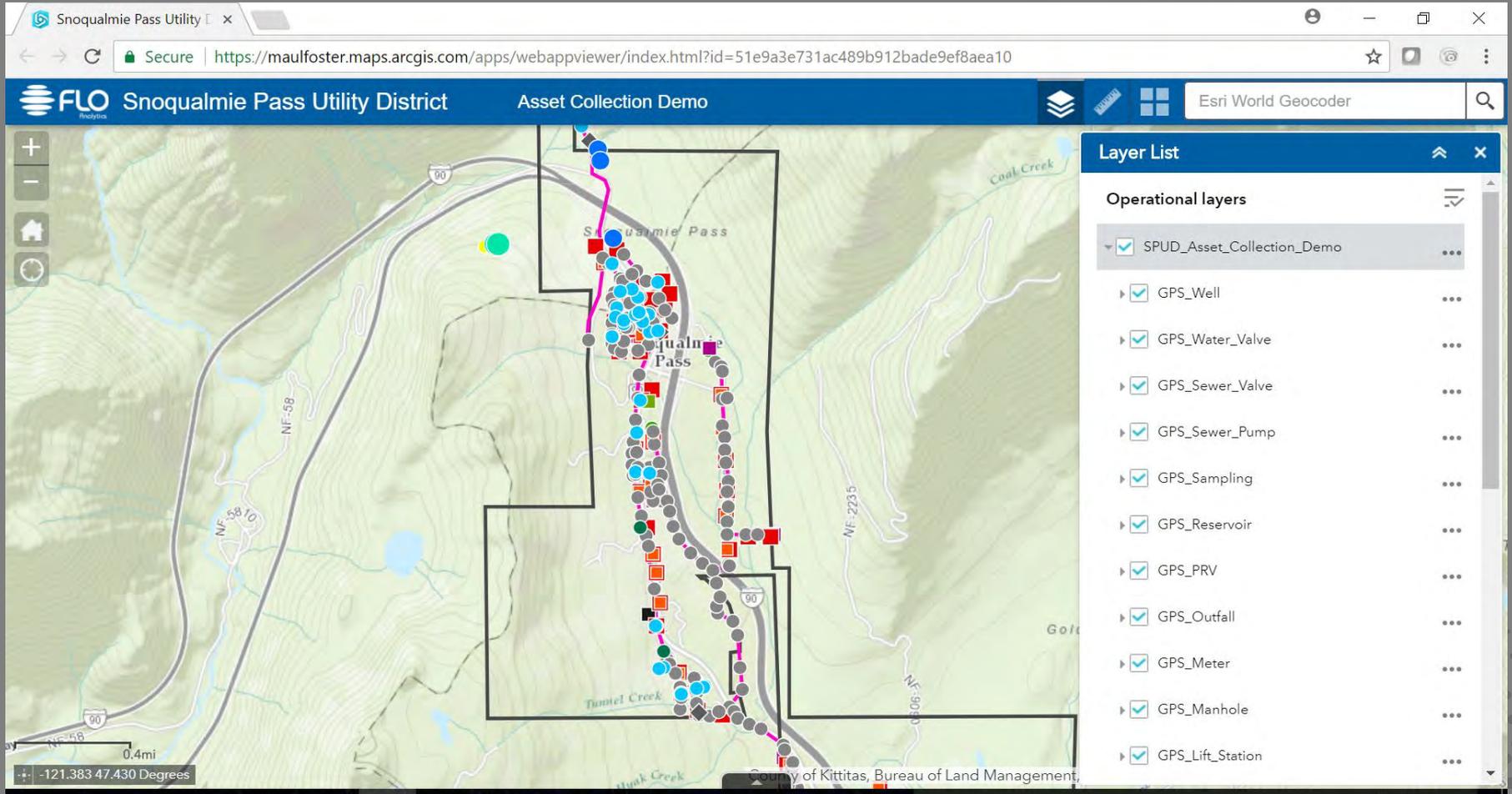


Snoqualmie PUD Asset Inventory

- No existing GIS system in place
- Location of assets unknown or difficult to find
- Entire utility system was mapped in 2.5 working days
 - 657 features
 - 19 feature types
 - Down to 3" accuracy



Snoqualmie PUD Asset Inventory



On-Call UAS Mapping

City of Ellensburg



Public Engagement



College Place Open Data Portal

Sign In

Open Data Portal

City of College Place, Washington



Explore Data Categories



Buildings



Boundaries



Community



Emergency Services

City Member Details

Members can select the service tier that best suits their needs

	FEE	CONSULTING HOURS	NEEDS ASSESSMENT	*ONLINE DATA VIEWER	*OPEN DATA PORTAL
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Q&A

QUESTIONS?

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